

Introduction

This document is designed for use in the development and offering of tax credits as required by section 12—6—3660 of the Omnibus Coastal Property Insurance Reform Act of 2007. It is divided into six sections and includes common building considerations and detailed information of the following mitigation techniques:

1. Roof deck attachment
2. Secondary water barrier
3. Roof coverings
4. Gable end bracing
5. Reinforcing roof to wall connections
6. Opening protection for Windows, exterior doors, garage doors and skylights

Each of the above items is described in detail to allow the homeowner, contractor, and inspector to determine the correct products to be used and the procedures for completing each mitigation technique. The use of products and installation procedures deemed acceptable to the local building official is mandatory for this program.

Building officials may approve the use of products and techniques after reviewing documentation such as testing and/or evaluation reports from a source they deem appropriate. For example, at their option, the building official may approve products based on evaluation reports produced by one of the following:

- ICC Evaluation Service, (http://www.icc-es.org/Evaluation_Reports/index.shtml)
- Texas Department of Insurance, (<http://www.tdi.state.tx.us/wind/prod/>)
- Florida Building Code Product Approval, (http://www.floridabuilding.org/pr/pr_app_srch.aspx)
- Miami-Dade County Product Approval (http://www.miamidade.gov/buildingcode/pc-search_app.asp).

It should be noted that the products and product approvals found in the manual are for illustrative purposes only and in no way represent an endorsement by the South Carolina Safe Home Program or any other State agency. All products may not qualify in all areas. Check with your local building officials. Items such as storm windows, storm doors and decorative shutters do not qualify.

In all cases, products used in the above mitigation techniques must meet the minimum requirements of the Building Code and those outlined in this document. The product's manufacturer frequently provides specific installation instructions and requirements for their specific product(s). If there is a conflict between this document and specific product installation instructions the manufacturer's instructions shall prevail. Page three of this document contains a checklist to be completed by the homeowner, contractor, or inspector to certify their retrofits were completed and completed in accordance with these instructions.

Additionally, the individual certifying the retrofits were completed must certify that the fortification measure is not simply a repair or replacement of an existing item, but that the retrofits increase the residence's resistance to hurricane, rising floodwater, or catastrophic windstorm event damage. When retrofitting the roof all three components as set in the manual must be completed. For questions regarding your local building code, please refer to the South Carolina Association of Counties for specific contact information, <http://www.sccounties.org/counties/counties.htm>.

CHECKLIST FOR COMPLETED WORK

1. Roof deck attachment was completed in accordance with the South Carolina resource document.

| Printed Name | Signature | Date Completed |
|--------------|-----------|----------------|
|--------------|-----------|----------------|

2. Secondary water barrier was installed in accordance with the South Carolina resource document

| Printed Name | Signature | Date Completed |
|--------------|-----------|----------------|
|--------------|-----------|----------------|

3. Roof coverings were installed in accordance with the South Carolina resource document

| Printed Name | Signature | Date Completed |
|--------------|-----------|----------------|
|--------------|-----------|----------------|

4. Gable end bracing was installed in accordance with the South Carolina resource document

| Printed Name | Signature | Date Completed |
|--------------|-----------|----------------|
|--------------|-----------|----------------|

5. Roof to wall connections were strengthened in accordance with the South Carolina resource document

| Printed Name | Signature | Date Completed |
|--------------|-----------|----------------|
|--------------|-----------|----------------|

6. Opening protection for the following items was installed in accordance with the South Carolina resource document

- a. Windows
- b. Doors with glass
- c. Doors without glass
- d. Garage door
- e. Skylights

7. The retrofits were completed were not just a repair or replacement of an existing item; the retrofits will increase the residence's resistance to hurricane, rising floodwater, or catastrophic windstorm event damage.

| Printed Name | Signature | Date Completed |
|--------------|-----------|----------------|
|--------------|-----------|----------------|

